

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE X WATER SANDS _____ LOCATION INSPECTED _____ SUB REPORT/abd. _____DATE FILED 11-23-84

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-013429-A

INDIAN

DRILLING APPROVED 12-6-84 - OIL

SPUDDED IN

COMPLETED

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY API

GOR.

PRODUCING ZONES

TOTAL DEPTH:

WELL ELEVATION

DATE ABANDONED 1-22-86 LA application rescindedFIELD ~~UNDESIGNATED~~ Uteland Butte 3/86UNIT: RIVER BENDCOUNTY: UINTAHWELL NO RIVER BEND UNIT #1-10DAPI #43-047-31585LOCATION 1069' FNL FT. FROM (N) (S) LINE.1211' FEL

FT. FROM (E) (W) LINE.

NE NE1/4 - 1/4 SEC.10

TWP

RGE

SEC

OPERATOR

TWP

RGE

SEC

OPERATOR

10S18E10MAPCO OIL & GAS CO.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
BONE ☒

MULTIPLE
BONE ☐

2. NAME OF OPERATOR

MAPCO Oil & Gas Company

3. ADDRESS OF OPERATOR

705 S. Elgin Ave., P.O. Box 2115, Tulsa, OK 74101-2115

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *)
At surface

1069' FNL & 1211' FEL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 miles SW of Ouray

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest orig. unit line, if any)

1069'

16. NO. OF ACRES IN LEASE

760

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

+1320'

19. PROPOSED DEPTH

+5000'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5039 GR

22. APPROX. DATE WORK WILL START*

January 15, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|----------------------------|
| 12-1/4" | 8-5/8" | 24# | ±400' | Cmt. calculated to surface |
| 7-7/8" | 5-1/2" | 17# | ±5000' | Cmt. calculated to surface |

Subject well will be drilled to the proposed depth and set casing as above if produceable hydrocarbons are indicated. Should the well be plugged and abandoned, it will be done in accordance with instructions from the BLM

Exhibits Attached

"A" Plat

"B" Drilling Plan

"C" Blow-Out Preventer Equipment

"D" Surface Use Plan

"E" Access Roads

"F" Wellsite Layout

"G" Facilities

RECEIVED
NOV 23 1984

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give location of present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Ango C. Beeth

TITLE Sr. Engineering Tech.

DATE 11-20-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 12/16/84

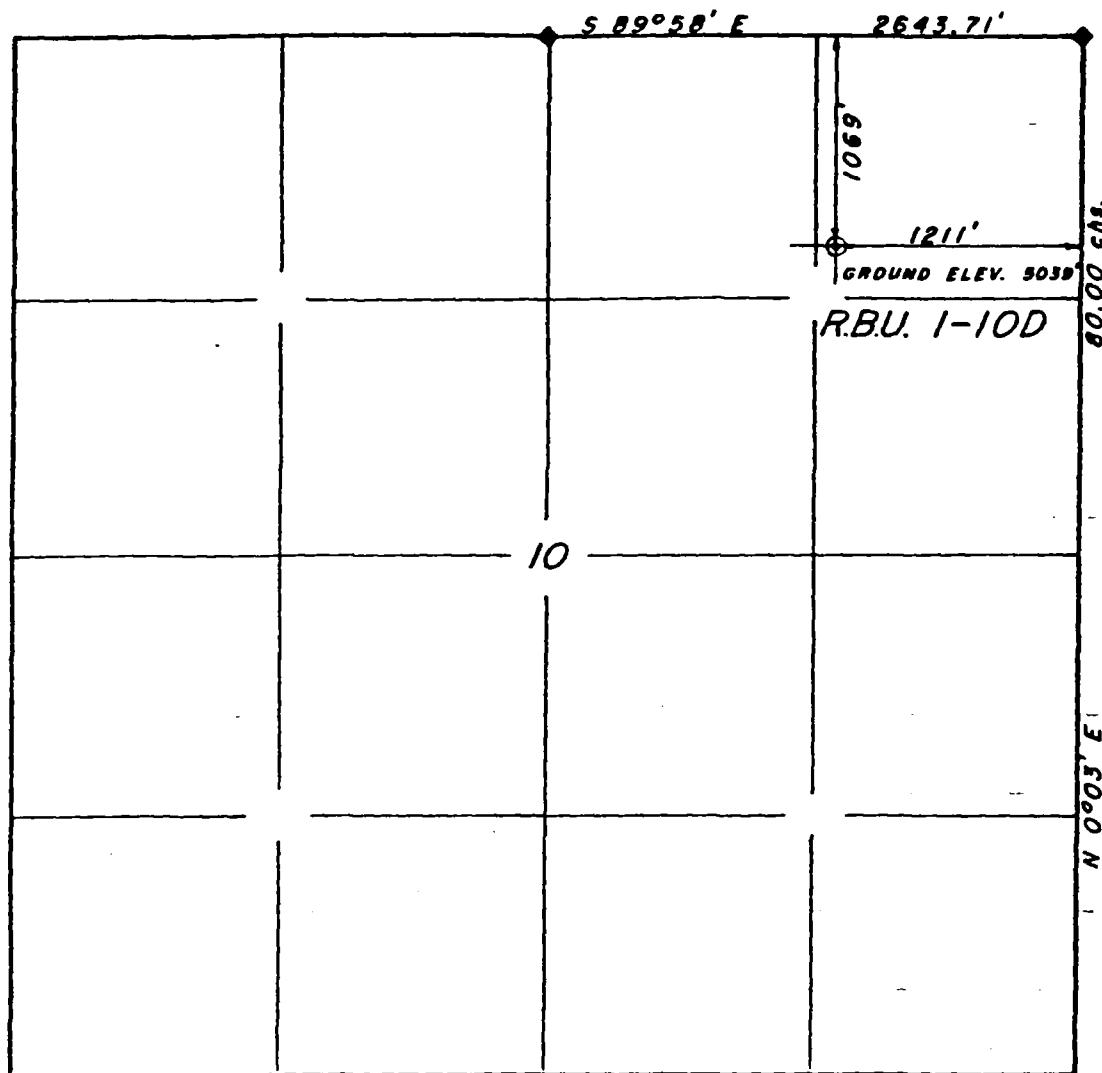
BY: *John R. Davis*

*See Instructions On Reverse Side

MAPCO, INC.
WELL LOCATION PLAT
R.B.U. 1-10D

LOCAT IN THE NE $\frac{1}{4}$ OF THE NE $\frac{1}{4}$ OF
 SECTION 10, T10S, R16E, S.L.B.&M.

EXHIBIT "A"



SCALE: 1"=1000'

LEGEND & NOTES

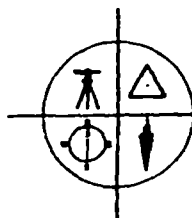
- ◆ ORIGINAL CORNERS FOUND AND USED BY THIS SURVEY.

THE GENERAL LAND OFFICE PLAT WAS
 USED FOR REFERENCE AND CALCULATIONS.

SURVEYOR'S CERTIFICATE

I hereby certify that this plat was prepared from field notes of an actual survey performed by me, during which the shown monuments were found or established.

Jerry D. Allred
 Jerry D. Allred, Registered Land
 Surveyor Cert. No. 3817 (Utah)



JERRY D. ALLRED & ASSOCIATES
 Surveying & Engineering Consultants

121 North Center Street
 P.O. Drawer C
 DUCHESNE, UTAH 84021
 (801) 738-5352

DRILLING PLAN

MAPCO OIL & GAS COMPANY
River Bend Unit
RBU 1-10D
Sec. 10, T10S, R18E
1069' FNL & 1211' FEL
Uintah County, Utah

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

| <u>Formation</u> | <u>Depth</u> | <u>Datam</u> |
|--------------------|--------------|--------------|
| Surface | 0' | +5039' |
| X-Marker | 2040' | +2999' |
| Green River D-Zone | 3147' | +1892' |
| Wasatch Tongue | 4397' | + 642' |
| Green River Tongue | 4797' | + 242' |

2. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

| <u>Formation</u> | <u>Depth</u> | <u>Remarks</u> |
|--------------------|--------------|----------------|
| Green River D-Zone | 3147' | Water |
| Green River Tongue | 4797' | Oil |

3. OPERATORS MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

(See Exhibit C)

Exhibit "C" is a schematic diagram of the BOPE. BOP's and choke manifold will be installed and pressure tested before drilling out casing cement plugs. The BOP's will be pressure tested to 1000 psi and annular type preventer to 750 psi. Pipe rams will be operated daily and blind rams as possible.

4. PROPOSED CASING PROGRAM

| <u>Size of Casing</u> | <u>Weight & Grade</u> | <u>Setting Depth</u> | <u>Quantity of Cement</u> |
|-----------------------|---------------------------|----------------------|---------------------------|
| 8-5/8" | 24#, K-55 | ± 400' | Calculated to surface |
| 5-1/2" | 17#, K-55 | ±5000' | Calculated to surface |

5. PROPOSED MUD PROGRAM

The well is to be drilled with a salt water mud system maintaining a weight of approximately 9#/gal with 10#/gal salt water weighting material on location sufficient to weight up for pressure control. No chromates will be used in the drilling fluid.

6. AUXILIARY EQUIPMENT TO BE USED

- 1.) Kelly cock
- 2.) Full opening valve on floor with DP connection for use when Kelly is not in string.
- 3.) Pit volume indicator.

7. TESTING, LOGGING AND CORING PROGRAM

A two (2) man mud logging will be in operation from base of surface casing to TD.

Testing: No DST's are anticipated.

Coring: No coring is anticipated.

Logging: GR-DLL, FDC-CNL-Caliper

Exact logging detail and procedures will be prepared prior to reaching logging depth.

8. ANY ABNORMAL PRESSURES OR TEMPERATURES

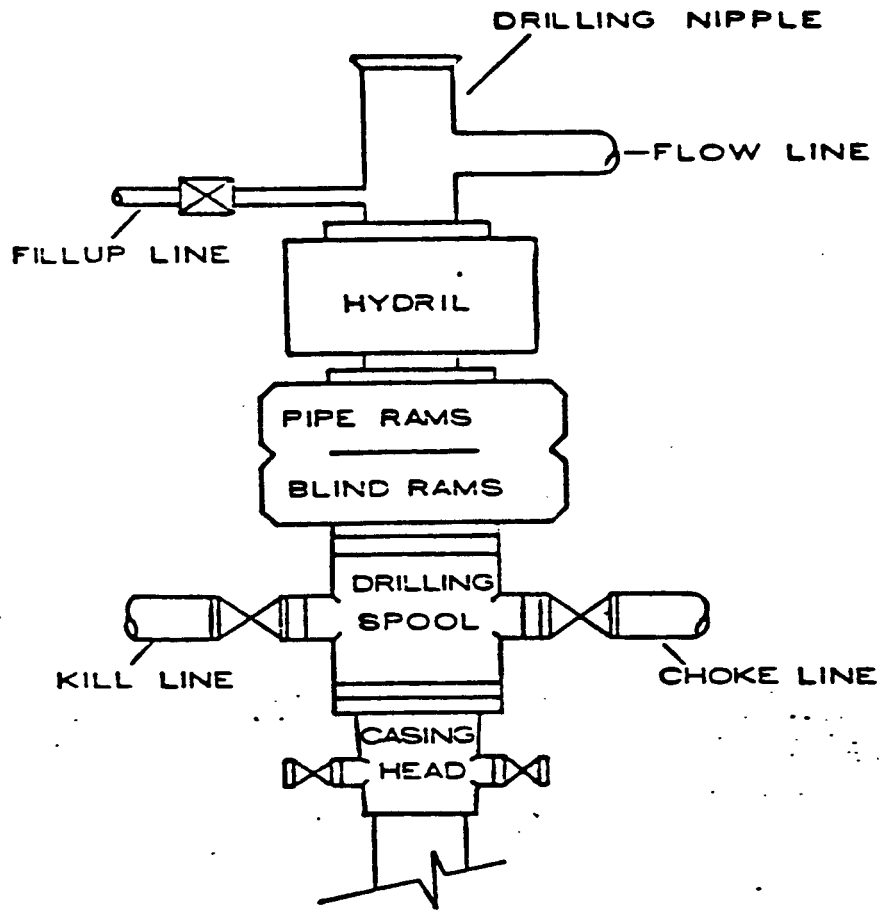
No abnormal pressures are anticipated nor is the area known for abnormal temperatures. The formations to be penetrated are not known to contain H₂S gas. Maximum anticipated BHP is 1200 psi at total depth.

9. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS

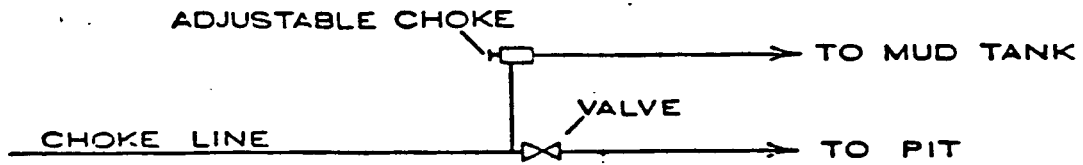
Starting date: January, 1985

Duration: 10 days

BOP STACK



CHOKE MANIFOLD



ONSHORE OIL AND GAS ORDER NO.1
SURFACE USE PLAN

EXHIBIT "D"

MAPCO Oil & Gas Company
River Bend Unit
RBU 1-10D
Sec. 10-T10S-R18E
1069' FNL & 1211' FEL
Uintah County, Utah

The operator or his contractor will contact the Vernal District BLM, Diamond Mountain Resource Area, 48 hours prior to beginning any work on public lands.

The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.

1. EXISTING ROADS

- A. The proposed wellsite and elevation is shown on the plat, Exhibit "A". The location and existing roads are shown on Exhibit "E". There is no anticipated construction on any existing roads.
- B. The proposed wellsite is located in the River Bend Unit, approximately 10 miles SW of Ouray, Utah.

2. ACCESS ROADS TO BE CONSTRUCTED

- A. The construction of an access road approximately 1/4 of a mile long will be required as shown on Exhibit "E".
- B. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes will be in accordance with surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development".
 - a. Width: Maximum of 30' right-of-way with road bed being 16'-18' and remainder of right-of-way to be used for barrow ditches.
 - b. Maximum Grade: 8%
 - c. Turnouts: None
 - d. Drainage: Drain ditches along either side of road where necessary for drainage. Material from barrow ditch used to build crown of road.

- e. Culverts: None
- f. Surface Material: Native Dirt
- g. Gates, cattle guards, fence cuts: None

3. LOCATION OF EXISTING WELLS

All existing wells known in the area are shown on Exhibit "E".

Wells within a one mile radius are listed below:

- A. Water wells: None
- B. Abandoned wells: None
- C. Temporarily abandoned wells: None
- D. Disposal wells: None
- E. Drilling wells: RBU 15-3D
- F. Producing Wells: RBU 16-3D, RBU 8-10D,
RBU 12-2D, RBU 13-2D.
- G. Shut-in wells: None
- H. Injection wells: None
- I. Observation wells: None

4. LOCATION OF TANK BATTERIES AND PRODUCTION FACILITIES

- A. The location of existing and/or proposed facilities owned or controlled by the lessee/operator within a one mile radius are shown on Exhibit "E".
 - a. Tank batteries: At above producing wells
 - b. Production facilities: None
 - c. Oil gathering lines: None
 - d. Gas gathering lines: None
 - e. Injection lines: None
 - f. Disposal lines: None
- B. It is contemplated that, in the event of production, all new facilities will be easily accommodated on the drill pad. The dimensions of the production facilities and their orientation is shown on Exhibit "G". Location of production facilities will be per Conditions of Approval of Notice to Drill.
- C. Concrete and gravel as needed will be purchased from private sources.
- D. All permanent structures constructed or installed, including pumpjacks, will be painted a flat, non-reflective, earthtone color to match the standard environmental colors as determined by the Rocky Mountain 5 State Interagency Committee. Facilities required to comply with O.S.H.A. will be excluded.

- E. Pits will be fenced to minimize any hazard to sheep, cattle, antelope and other animals that graze the area. Flagging material will be used as needed if water or other fluid is produced.
- F. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Water for drilling purposes will be hauled from the Green River permit #T5975049-1283 or from the OSC #1 water well permit #54801 (49-367).

6. CONSTRUCTION MATERIALS

- A. Road surfacing and pad construction material will be native soil consisting of sandy-clay, sandstone and shale gathered in actual construction of the road and location. Construction materials will be located on the lease. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3 regulations.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Drill cuttings will be buried in the reserve pit when covered.
- B. Drilling fluids will be handled in the reserve pit. The reserve pit will be lined if necessary after testing by the BLM. Location as determined in Conditions of Approval for Notice to Drill.
- C. Any fluids produced during testing will be collected in test tanks; water drained to the pit, and the oil saved.
- D. Sewage will be handled by portable chemical toilets.
- E. There will be no burning. Garbage and other waste material will be enclosed in a wire mesh container, and then disposed of in an approved waste disposal pit.
- F. After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. Any dangerous pit will be fenced or covered.

8. ANCILLIARY FACILITIES

- A. No additional facilities not described herein are anticipated.

9. WELL SITE LAYOUT

- A. EXHIBIT "F" is the wellsite layout at a scale of 1"=40'.
- B. The access to the well pad is shown on Exhibit "E".
- C. Stock piling of top soil will be per BLM Conditions of Approval for Notice to Drill.
- D. Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.

10. PLANS FOR RESTORATION OF SURFACE

- A. Upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production. All trash will be hauled to a local sanitary landfill
- B. The operator or his contractor will contact the Vernal BLM, Diamond Mountain Resource Area, 24 hours prior to starting rehabilitation work that involves earth moving equipment and upon completion of restoration measures.
- C. Before any dirt work to restore the location takes place, the reserve pit will be completely dried and all trash (cans, barrels, pipe, etc.) will be removed. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed within a reasonable time period.
- D. All disturbed areas will be recontoured to the approximate natural contours.
- E. Prior to reseeding, the operator will consult with the Vernal BLM. The seed mixture will be as determined in Conditions of Approval for Notice to Drill. Then all disturbed areas, including access roads, will be scarified and left with a rough surface.
- F. Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

11. SURFACE AND MINERAL OWNERSHIP

Bureau of Land Management
Vernal District Office
Diamond Mountain Resource Area
170 South 500 East
Vernal, Utah 84078

12. ADDITIONAL INFORMATION

- A. Archeological clearance was previously performed (ref. A.E.R.C. project No. MPC-84-1, April 1984). If any cultural resources are found during construction, all work will cease and the BLM notified.
- B. There will be no deviation from this proposed drilling program without prior approval of the BLM.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

J. D. Holliman or
Mgr. of Production
Western Production Division
P.O. Box 2115
Tulsa, OK 74101
Phone: (918) 599-4001
 or (918) 627-4739

Terry L. Reeves
Division Engineer
Western Production Division
P.O. Box 2115
Tulsa, OK 74101
(918) 599-3819
(918) 252-9201

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by MAPCO Oil & Gas Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Date: November 20, 1984


Terry L. Reeves
Division Engineer

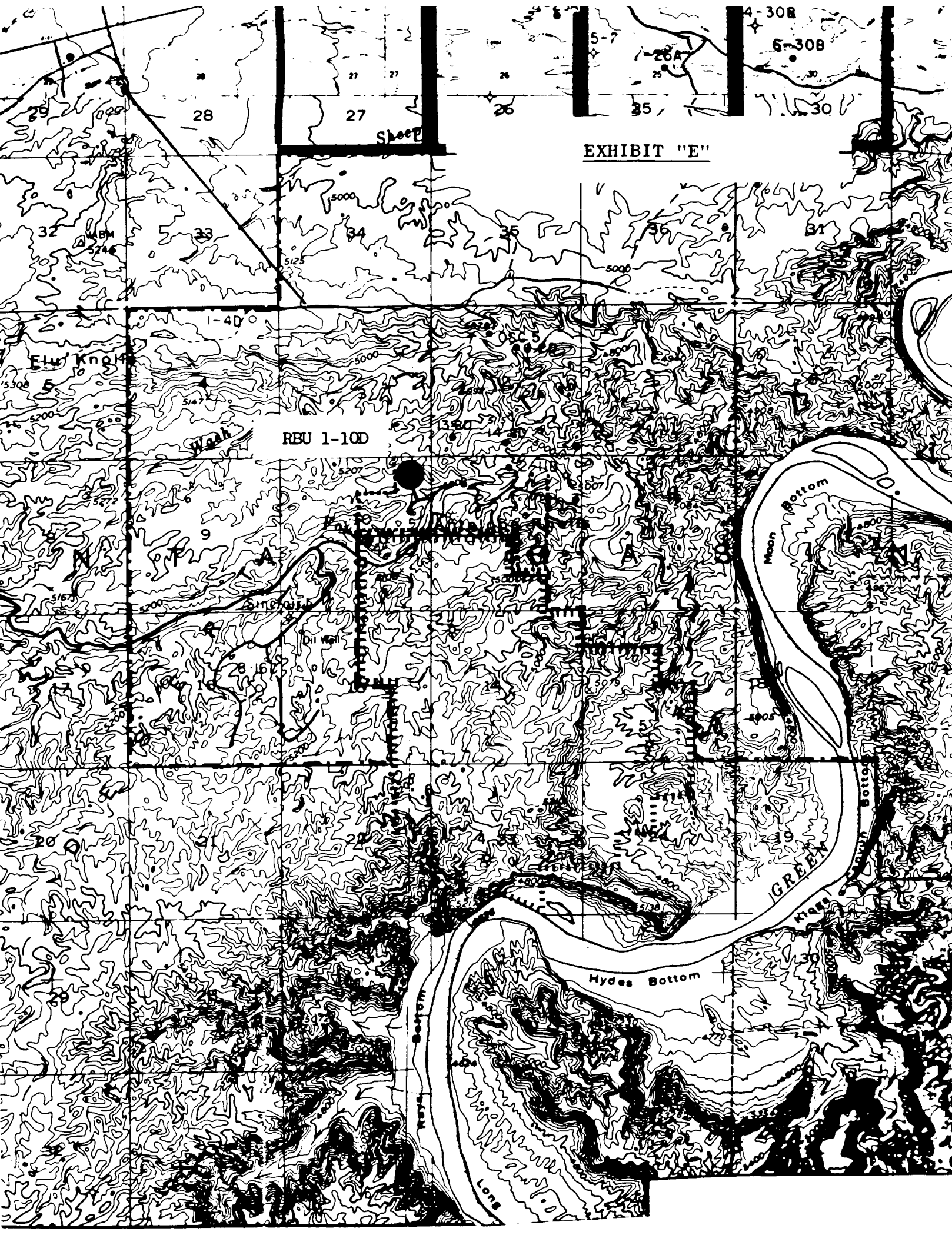


EXHIBIT "E"

REU 1-10D

Elu Knight

Moon Bottom

Hydes Bottom

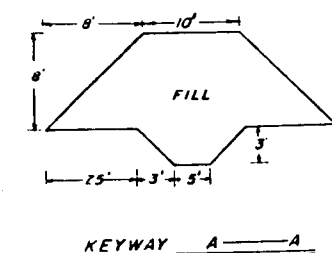
GREEN

LOCATED IN THE AREA OF THE NEARBY
SECTION 10, TOWNSHIP 138N, RANGE 10E.

The site plan illustrates the layout of a drilling operation. Key features include:

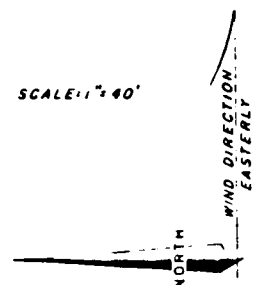
- Access Road:** Located at the top left, with stationing F16² and F5².
- Drilling Rig:** Centrally located, with a "HOLE LOCATION" noted as "C7² FROM GROUND ELEV. OF 5039' TO FINISHED LOCATION ELEV. OF 5032'".
- Water and Fuel Systems:** Includes a "WATER" line, "FUEL" tanks, a "PUMP", and a "MUD SHED".
- Storage and Equipment:** Features "PIPE RACKS", "MUD TANKS", "HOPPER", "MUD SHED", "TRAILER", and a "DATA UNIT".
- Excavation and Stockpiles:** Includes an "EXCAVATION MATERIAL STOCKPILE" and a "TOPSOIL STOCKPILE".
- Reserve Pit:** A "RESERVE" pit, 8' deep, with "OVERFLOW DIKE & SCREENS" and "OVERFLOW & DRILLING FLUIDS".
- Stationing and Coordinates:** The plan is marked with stationing (F16², F5², F9¹, F2², C2², C3², C5², C7², C9²) and coordinates (STA. 4+00, STA. 2+25, STA. 0+00).

THE LOCATION IS LOCATED ON TOP OF A LOW HILL.
THE GENERAL DRAINAGE IN THE AREA IS
EASTERLY TOWARD THE GREEN RIVER.
THE SOIL IS COMPOSED OF SHALE, WEATHERED
SANDSTONE AND LIME ROCK.



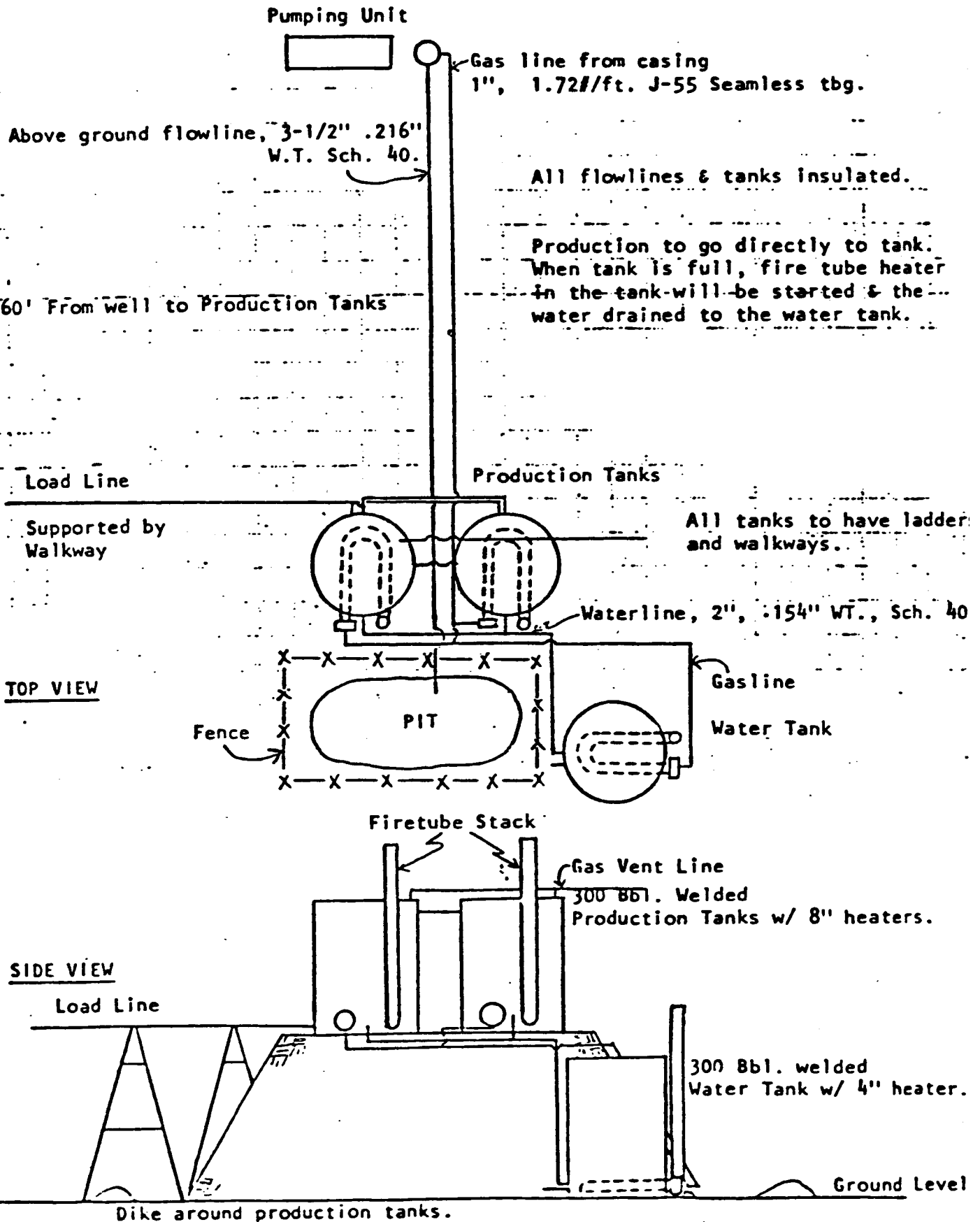
CUT: 10,850 Cu. Yds.
FILL: 9,400 Cu Yds.

SCALE: 1" = 40'



JERRY D. ALLRED & ASSOCIATES
Surveying & Engineering Consultants
121 North Center Street
P.O. Drawer C
DUCHESE, UTAH 84021
(801) 738-5352

EXHIBIT "G"



OPERATOR Mapco Oil & Gas Co DATE 12-5-84
WELL NAME River Bend Unit #1-100
SEC NE NE 10 T 10S R 18E COUNTY Wintab

43-047-31585
API NUMBER

Lease
TYPE OF LEASE

CHECK OFF:

☒

PLAT

☒

BOND

☐

NEAREST WELL

☒

LEASE

☐

FIELD

☐

POTASH OR
OIL SHALE

PROCESSING COMMENTS:

Unit well - or on P.O.D.

Need water permit

APPROVAL LETTER:

SPACING:

☒

A-3

River Bend
UNIT

☐

C-3-a

CAUSE NO. & DATE

☐

C-3-b

☐

C-3-c

STIPULATIONS:

1 - water

2 - BOP - 2000 psi - 8 5/8" csg.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 6, 1984

Mapco Oil & Gas Company
705 S. Elgin Avenue
P. O. Box 2115
Tulsa, Oklahoma 74101-2115

Gentlemen:

Re: Well No. River Bend Unit #1-10D - NE NE Sec. 10, T. 10S, R. 18E
1069' FNL, 1211' FEL - Uintah County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.
2. Blowout prevention equipment with a minimum of 2000 psi working pressure should be used after drilling out of 8 5/8" casing.

In addition, the following actions are necessary to fully comply with this approval:

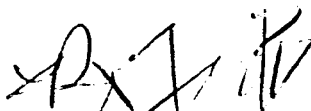
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Eaza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Mapco Oil & Gas Company
Well No. River Bend Unit #1-10D
December 6, 1984
Page 2

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31585.

Sincerely,

A handwritten signature in dark ink, appearing to read 'R. J. Firth', with a stylized flourish at the end.

R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

MAPCO Oil & Gas Company

3. ADDRESS OF OPERATOR

705 S. Elgin Ave., P.O. Box 2115, Tulsa, OK 74101-2115

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1069' FNL & 1211' FEL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 miles SW of Ouray

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

1069'

16. NO. OF ACRES IN LEASE

760

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

+1320'

19. PROPOSED DEPTH

+5000'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5039 GR

22. APPROX. DATE WORK WILL START*

January 15, 1984

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| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
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Subject well will be drilled to the proposed depth and set casing as above if produceable hydrocarbons are indicated. Should the well be plugged and abandoned, it will be done in accordance with instructions from the BLM.

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"B" Drilling Plan

"C" Blow-Out Preventer Equipment

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"E" Access Roads

"F" Wellsite Layout

"G" Production Facilities

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24.

SIGNED

Angus C. Beatty

TITLE

Sr. Engineering Tech.

DATE

11-20-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Don Wood

TITLE

ASSOCIATE
DISTRICT MANAGER

DATE

12-12-84

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY
*See Instructions On Reverse Side

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Mapco Oil & Gas Co. Well No. 1-100
Location Sec. 10 T10S R18E Lease No. U-013429-A
Onsite Inspection Date 06-05-84

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

1. Pressure Control Equipment

Minimum 3,000 psi working pressure BOP stacks and related control equipment shall be utilized.

Prior to drilling out the surface casing shoe, the ram-type preventers shall be tested to 2,000 psi and the annular-type preventer shall be tested to 1,500 psi.

BOP and choke manifold systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

2. Casing Program and Auxiliary Equipment

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

3. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

4. Coring, Logging and Testing Program

Daily drilling reports shall be submitted to this office on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

5. Anticipated Starting Dates and Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-28, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

B. THIRTEEN POINT SURFACE USE PLAN

All travel will be confined to existing access road rights-of-way.

1. Location of Tank Batteries and Production Facilities

All facilities will be painted within 6 months of installation.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the battery.

Tank batteries location will be determined if well is productive.

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

2. Methods of Handling Waste Disposal

Produced waste water will be confined to an unlined pit for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

3. Well Site Layout

The reserve pit will be located on the southeast corner of the location.

The stockpiled topsoil will be stored on the southwest corner of the location.

Access to the well pad will be from the east.

4. Plans for Restoration of Surface

If broadcast, the amount of seed will be proportionately larger to total 14 lbs./acre.

The following seed mixture will be used:

| | |
|------------------------|--------------------|
| Stipa comata | 1 lb./acre |
| Agropyron cristatum | 1 lb./acre |
| Poa secunda | 1 lb./acre |
| Kochia prostrata | 2 lbs./acre |
| Atriplex confertifolia | 2 lbs./acre |
| Ceratoides lanata | 2 lbs./acre |
| Total | <u>9 lbs./acre</u> |

5. Other Information

A small dam will be placed in the wash off the southeast edge of the reserve pit.

Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph D, Division Director

355 W North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

December 24, 1985

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Gentlemen:

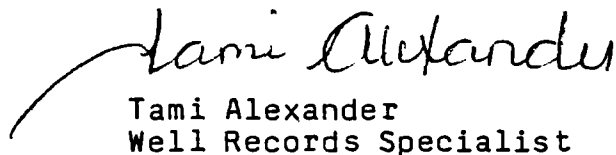
Re: Well No. River Bend Unit #1-100 - Sec. 10, T 10S, R 18E
Uintah County, Utah - U-013429-A
Operator of Record: Mapco Oil & Gas Company

The above referenced well in your district was given federal approval to drill December 12, 1984. This office has not received notification of any activity on this location.

Please let me know what action, if any, the Bureau of Land Management is taking on this well.

Thank you for your help in keeping our records up to date.

Sincerely,


Tami Alexander
Well Records Specialist

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

320S/1

**Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84077**

3162.35
U-820
U-013429-A

January 15, 1986

MAPCO Oil & Gas Company
705 S. Elgin Ave.
P. O. Box 2115
Tulsa, OK 74101-2115

RE: Rescind Application for Permit to Drill
Well No. 1-10D
Section 10, T10S, R18E
Uintah County, Utah
Lease No. U-013429-A

The Application for Permit to Drill the referenced well was approved on December 12, 1984. Since that date, no known activity has transpired at the approved location. Under current District policy, Applications for Permit to Drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

Craig M. Hansen
ADM for Minerals

mh

bcc: State Div. O G & M
well file
U-922/943



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 22, 1986

Mapco Oil & Gas Company
705 South Elgin Ave.
P.O. Box 2115
Tulsa, OK 74101-2115

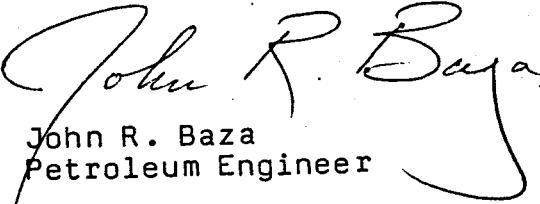
Gentlemen:

Re: Well No. River Bend Unit #1-10D - Sec. 10, T. 10S, R. 18E
Uintah County, Utah - API #43-047-31585

In concert with action taken by the Bureau of Land Management, January 15, 1986, approval to drill the above referenced well is hereby rescinded.

A new "Application for Permit to Drill" must be filed with this office, for approval, prior to future drilling of the subject location.

Sincerely,


John R. Baza
Petroleum Engineer

ts

cc: Dianne R. Nielson
Ronald J. Firth
File

0320/73